

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A provider for use with a home server that communicates with a home network system, said provider comprising:

a network connecting section for use with an external network on one side of a firewall, said network connecting section used for creating a signal pathway between said external network and said home server, said home server is on another side of said firewall, and

a network security managing section on a same side of the firewall as said network connecting section, said provider controls said network security managing section initiates to initiate installation and setting changes of said firewall responsive to a connection request from said home server.

2. (Previously Presented) A network system according to claim 1, wherein a plurality of Web terminals is any selected from a personal computer, a television receiver and a home electronic appliance.

3. (Previously Presented) A network system according to claim 1, wherein a network security system includes at least a firewall and anti-virus software.

4. (Original) A network system according to claim 1, wherein the provider has the network security managing section, the network security managing section being to update at least one of the firewall and the anti-virus software.

5. (Original) A network system according to claim 4, wherein network security managing section is to provide an optional service for security check.

6. (Previously Presented) A network system according to claim 4, wherein network security managing section is to provide information for updating the firewall or anti-virus software to a network security system.

7. (Previously Presented) A network system according to claim 1, wherein the provider is further to provide for proxy, an optional service for adjusting, a network parameter of a best-effort connecting service that connection speed varies depending upon a network parameter on a Web terminal.

8. (Original) A network system according to claim 1, wherein the provider is further to provide an optional service for restoring, for proxy, from a failure in the event of a failure on the network system caused due to a new or unknown security hole or virus.

9. (Original) A network system according to claim 1, wherein the provider is further to provide an optional service for a user to take a commentary lecture on network security.

10. (Previously Presented) A network system according to claim 1, wherein the provider is to make a bill in return for architecting a network security system.

11. (Original) A network system according to claim 5, wherein the provider is to make a bill in return for the optional service of security check.

12. (Original) A network system according to claim 6, wherein the provider is to make a bill in return for providing information for updating a firewall and anti-virus software to the network security system.

13. (Original) A network system according to claim 7, wherein the provider is to make a bill in return for the optional service of network parameter adjustment for proxy.

14. (Original) A network system according to claim 8, wherein the provider is to make a bill in return for the optional service of restoring, for proxy, from a failure.

15. (Original) A network system according to claim 9, wherein the provider is to make a bill in return for the optional service of taking a commentary lecture.

16. (Currently Amended) A provider for use with a home server that communicates with a home network system, said provider comprising:

an Internet connecting section for use with an external Internet Network on one side of a firewall, said Internet connecting section used for creating a signal pathway between said Internet Network and said home server, said home server is on another side of said firewall, and

a network security managing section on a same side of the firewall as said Internet connecting section, said provider controls said network security managing section initiates to initiate installation and setting changes of said firewall responsive to a connection request from said home server.

17. (Previously Presented) A network system according to claim 16, wherein a Web terminal is any selected from a personal computer, a television receiver and a home electronic appliance.

18. (Previously Presented) A network system according to claim 16, wherein a network security system includes at least a firewall and anti-virus software.

19. (Original) A network system according to claim 16, wherein the provider has the network security managing section, the network security managing section being to updating at least one of the firewall and the anti-virus software.

20. (Original) A network system according to claim 19, wherein network security managing section is to provide an optional service for security check.

21. (Previously Presented) A network system according to claim 19, wherein network security managing section is to provide information for updating the firewall or anti-virus software to a network security system.

22. (Previously Presented) A network system according to claim 16, wherein the provider is further to provide an optional service for adjusting, for proxy, a network parameter of a best-effort connecting service that connection speed varies depending upon a network parameter on a Web terminal.

23. (Original) A network system according to claim 16, wherein the provider is further to provide an optional service for restoring, for proxy, from a failure in the event of a failure on the network system caused due to a new or unknown security hole and virus.

24. (Original) A network system according to claim 16, wherein the provider is further to provide an optional service for a user to take a commentary lecture on network security.

25. (Previously Presented) A network system according to claim 16, wherein the provider is to make a bill in return for architecting a network security system.

26. (Original) A network system according to claim 20, wherein the provider is to make a bill in return for the optional service of security check.

27. (Original) A network system according to claim 21, wherein the provider is to make a bill in return for providing information for updating a firewall and anti-virus software to the network security system.

28. (Original) A network system according to claim 22, wherein the provider is to make a bill in return for the optional service of network parameter adjustment for proxy.

29. (Original) A network system according to claim 23, wherein the provider is to make a bill in return for the optional service of restoring, for proxy, from a failure.

30. (Original) A network system according to claim 24, wherein the provider is to make a bill in return for the optional service of taking a commentary lecture.